



## LED lighting 0201 chip high precision easy operate SMT pick and place machine

### Our Product Introduction

for more products please visit us on [smtmountingmachine.com](http://smtmountingmachine.com)

#### Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA
- Model Number: YT-101S
- Minimum Order Quantity: 1 set
- Packaging Details: Packing in film package and foam cotton, and covering vacuum bag within sturdy wooden boxes.
- Delivery Time: 30 days
- Payment Terms: T/T
- Supply Ability: 50 sets per month



#### Product Specification

- Warranty: 1 Year
- Application: SMT Production Line
- Condition: Brand-new
- Mounting Speed: 40000 CPH
- Feeders: 16 Pcs
- Pcb Thickness: 0.5-4.5 Mm
- Positioning Accuracy:  $\pm 0.02$  Mm
- PCB Size: Max Size: 500\*350 Mm Min Size: 50\*50 Mm



## Product Description

### LED lighting 0201 chip high precision easy operate SMT pick and place machine

#### Machine main features

Adopt High speed multi modular head, apply to ultra small chip 0201~40\*40 mm large chip, wide component range;  
 Brand new flight vision camera: Improve recognition performance, size up to 40\*40 mm, apply to BGA or CSP etc;  
 Vacuum sensing device: Each placement head with independent detection function, which improves the stability of the equipment and the reliability of the product;  
 Ultra high speed capability: Adopt high-end magnetic linear motor, servo system and multi function modular head, the capacity increased by 25% compared with traditional machine, optimum speed reach 40000 CPH;  
 Brand new self-developed high precision placement head;  
 High-speed precision head flight vision camera capture the image of placement accordingly, improve placement performance;  
 The placement head adopt independent vacuum detection, improve placement performance;  
 Off-line programming, save time of changeover cycle;  
 Software AI intelligent learning function and automatic optimization function.

#### Machine main parameter

Model	YT-101S
PCB size	Max size: 500*350 mm Min size: 50*50 mm
PCB thickness	0.5-4.5 mm
PCB clamping	Cylinder clamping, track width adjustable
Software	R&D independently
Production management MES system	Customized (Option)
Off-line programming	Available
Camera	Head flight vision recognition component Vision alignment + Mark correction
Repeat precision	±0.02 mm
Mounting height	≤15 mm
Optimal speed	40000 CPH
Component range	Min 0201~40*40 mm packages and IC etc.
Position mode	Optical
No.of heads	10 pcs
Feeding way	Intelligent double head feeder

#### Our advantage

We can provide SMT line solution for you!

**Pick and place machine/reflow oven/stencil printer/pcb conveyor/SPI/AOI.etc**

- 1.Light Factory for :led bulbs,DOB,lens,panel light,downdlight,streetlight,tube,0.5m,1m strip light,etc.
- 2.Provide Overseas engineers for Free installation and free training.
- 3.TOP brand of China SMT machine manufacturer,500 employees for ETON



**Shenzhen ETON Automation Equipment company**

Shenzhen Eton was founded in 2011, as an excellent manufacturer of SMT machine which accounts to 80% market of LED for more than 10 years experiences, with professional R&D staff and engineers in some foreign countries such as India and Egypt.

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Eton industrial park obtains 50000 square meters , over 300 employees working in 7 buildings, for the production, assembly and commissioning of SMT machine

#### Packages

Keep a good quality of the machine when during transportation till the destination of our clients which is an imperative aspect for one of a suitable service for our clients to buy our machine, so making sure of a qualified and sturdy packing is a key mission for us, here are the specified steps for your reference:

- Step 1: Packing in film package to prevent dust and water to the machine  
 Step 2: Packing in foam cotton to protect the outside of the machine  
 Step 3: Packing in vacuum package to keep dry of the machine during transportation  
 Step 4: Transportation by truck to specified port



### SMT Line solution

The SMT production line has two schemes: **semi-automatic and fully automatic line**. If you are just starting to do it, I suggest you do a semi-automatic production line, which **can effectively save your cost**.

The equipment required for the semi-automatic production line includes:

**Semi-automatic printing machine:** the solder paste is printed on the PCB pad through the stencil;

**Pick and place machine:** mount the led chips or other components on the designated position on the PCB board;

**Reflow oven:** melting the solder paste to make it adhere to the mounting components;

**Conveyor:** inspect the placement and soldering quality, and also play a role in transferring PCB boards and buffering on the SMT production line



### FAQ

Q. Does your machines have quality certificates?

A. We are high-tech enterprise with CE, SIRA, CCC, ISO awarded as "Well-know brand" and many technology patents, and have rich experience (more than 11 years) in LED light production line program.

Q. What is your actual speed of your products?

A. For the actual speed of the machine which is constrained by many factors, that related to the number of the components, the time to send PCB board and receive the board that will have influence on the speed when in production, and is decide for the actual products and needs.

Q. Can you accept CIF as the quoted price?

A. We only accept EXW as the quoted price for it is convenient and lower cost for both sides.

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